

106049-MEC-168CEGHMO-E-2004
Bidding & Estimation Mechanical Engineer

Holds a B. Sc. in Mechanical Power Engineering and has about 18 years experience working in construction, technical office, HVAC, maintenance and operation.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/09/1981
Gender : Male
Marital Status : Married
Residence : Currently KSA

EDUCATION

: B. Sc. in Mechanical Power Engineering, Mansoura University, 2004

LANGUAGES

Arabic : Native Language
English : Excellent
French : Fair

COMPUTER SKILLS

: Windows, MS Office, Internet
: Adobe Photoshop, AutoCAD & 3D Max

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Feb. 2019 till now
Employer : CI Group (Hesham Ali Reza Company / Fit out Project), KSA
Projects :

- BTSP Offices - Riyadh - Ministry of Housing (5000 m²)
- C1 Office - Al Abdulkarim Tower - Dammam (550 m²)
- Emaar Offices - Riyadh (2000 m²)
- REGA Building (Real Estate General Authority) - Riyadh (8833 m²)
- SAIP Building (Saudi Authority for Intellectual Property) - Riyadh (4500 m²)
- Dussur (The Saudi Industrial Investments Company) Building (RIYADH Front) 2400 m²
- Najm (New HQ Building) – Riyadh
- Public Investment Fund (PIF HQ offices) - KAFD Parcel 5.08
- Fintech HQ Offices - Saudi Payment Tower - KAFD Parcel 5.07
- ROSHN Real Estate HQ offices - Parcel 5.08
- King Salman Park, HQ offices Parcel 3.05

- Sport Boulevard, HQ offices Parcel 3.05
 - Al Ula Language Center (PIF projects)
 - Tawuniya Head Offices Building – Jeddah
- Job title** : Bidding & Estimation Mechanical Engineer
- Job Description** :
- Technical Pre-study / Cost Estimation.
 - Value Engineering.
 - Design review.
 - Preparing of Suppliers Comparisons & Contracts, In addition to the Preparation of Workshop and As Built Drawings Using AutoCAD.
 - Review and get approval for material and equipment for MEP systems prior to installation.
 - Assist Scheduling department with developing detailed CPM schedules for all MEP installation activities, including cost and resource loading.
- Dates** : From Feb. 2015 till Feb. 2019
- Employer** : Methaq Contracting Company (Al-Rugaib Holding Company), KSA
- Projects** :
- Shiekh Hamad Palace & Son's Villas – Exit 12, Riyadh
 - Alrugaib Mosque – Exit 12, Riyadh
 - Alrugaib Rest House – Exit 12, Riyadh
 - Best Western Plus Hotel – Exit 12, Riyadh
 - Start from Oct. 2015: assigned as Unicharm Factory Project Manager
- Job title** : Electro-Mechanical Dept. Head
- Job Description** :
- Review Contract Documents, making suggestions for all related MEP works.
 - Manage and lead MEP subcontractors throughout the duration of the project.
 - Assist the Scheduling department by developing detailed CPM schedules for all MEP installation activities, including cost and resource loading.
 - Review and get approval for material and equipment for MEP systems prior to installation.
 - Monitor the installation and start-up of MEP systems and commissioning of the project with Engineer & Owner.
 - Coordinate activities, materials procurement and other related activities with Project Manager and Field Staff.
 - Represent the MEP process at Owner's and Clients meetings.
 - Supervise, develop and monitor project staff.
 - Lead and direct coordination process to resolve all conflicts prior to start of installations.
 - Take overall responsibility for the performance of all MEP trades.
 - Supervise review and coordination of Submittals workshop drawings and As-Built Drawings.
 - Quality of work in according to project specifications within the designated time frame.
 - Analyzing and resolving field problems.
 - Prepare method statement of work, inspection and test plan and risk assessment.
 - Supervise the construction in terms of proper method, material reservation, and optimum output labor.

- Material take-off.
- Installation, commissioning and startup of the following mechanical systems: HVAC (Chilled water system "water cooled chiller", AHU'S, FCU'S, and Exhaust Fans). Plumbing (all plumbing accessories, booster pumps, submersible pumps, and hot water circulation system).
- Fire Fighting (Fire pumps, Sprinkler system, FM-200, and foam).

Dates : From Mar. 2011 till Feb. 2015

Employer : Issam Kabbani Group, KSA

Projects :

- ITA Disaster Recovery Building (King Faisal Specialized Hospital) – Riyadh
- Scientific Research Center (Al-Imam Mohamed Bin Saud Islamic University) – Riyadh
- Academic Accreditation Building (Al-Imam Mohamed Bin Saud Islamic University) – Riyadh

Job title : Senior Mechanical Engineer

Job Description :

- Lead and direct coordination process to resolve all conflicts prior to start of installations.
- Take overall responsibility for the performance of all MEP trades.
- Supervise review and coordination of Submittals workshop drawings and As-Built Drawings.
- Quality of work in according to project specifications within the designated time frame.
- Analyzing and resolving field problems.
- Prepare method statement of work, inspection and test plan and risk assessment.
- Supervise the construction in terms of proper method, material reservation, and optimum output labor.
- Material take-off.
- Installation, commissioning and startup of the following mechanical systems: HVAC (Chilled water system "water cooled chiller", AHU'S, FCU'S, and Exhaust Fans). Plumbing (all plumbing accessories, booster pumps, submersible pumps, and hot water circulation system).

Dates : From Nov. 2006 till Feb. 2011

Employer : Samama Technical Services (STS), KSA

Job Description :

- From Feb. 2008 till Feb. 2011 >>> Services Manager (Technical Dept. Manager (HVAC Dept.)):
 - Electro-Mechanical (HVAC - Plumbing and drainage system - Fire Fighting):
 - Air cooling, heating and ventilation loads design, and devices recommendation.
 - Sizing of Air ducts, Water pipe networks and Pumps for Air Cond. Systems.
 - Supervision and direction of Installation of the Equipment's.
 - Well conversant with ASHRAE, NFPA.
 - Preparation of Bill of material and BOQ.
 - Preparation of as built Drawing, Inspection Memo, Handing over documents and Method statement.
 - Drafting of Technical specification.

- Assessment and Finalizing of Vendors/ Sub contractors based on their market reputation, capability and previous track record.
 - Preparation & certification of progress reports, bills and variation orders.
 - Preparation of Indent / purchase request for the material, Man power or other resources.
- From Nov. 2006 till Feb. 2008 >>> Technical Office Supervisor (HVAC Dept. - Maintenance A/C Units).

Employer : Envirocivic Consultant Office (Cairo - Mansoura)
Job Description : Mechanical Engineer – Supervisor in Mansoura sector (Dakahlia Water Company).

Employer : Alethniah for Air Conditioning (ATH), KSA
Job Description :

- Air cooling, heating and ventilation loads design and devices recommendation.
- Sizing of Air ducts, Water pipe networks and Pumps for Air Cond. systems.
- Workshop drawing submittals for projects elements in aid of AutoCAD.
- Supervision and direction of maintenance technicians team of (Split, package, chillers units).
- Prepare maintenance schedules for clients units and supervision for its execution.

Employer : Morganti / AIC, LLC
 Joint Venture in EGYPT Utilities Management Alexandria Water Company (USAID Grant No. 263-0270.02)
Project : SIOUF WATER TREATMENT PLANT, Alexandria
Job title : Operation & Maintenance Engineer (Engineer Supervisor)
Job Description :

- Chlorination systems.
- Filter disks.
- Generators.
- Alum. system.
- Pumps.
- Grabber & Scrubber.

Employer : Misr for Engineering & Mechanical contractor
Job Description :

- Operation & Maintenance Engineer.
- Site Engineer (electro-mechanical installation).

Project : Talkha Power Plant
 The station consists of the following equipment's, hardware and software:
 The Gas Turbines are dual fuel machines running on gas and distillate.
Job Description : Primary duties on the plant are routine maintenance, unit overhauls, trouble-shooting and calibrations of the controls and associated instrumentation.

Skills:

- Good experience in combustion system - Power Plants, Pipe Lines.
- Experience Generator Maintenance & Water Treatment & Test of

materials.

- Repair and maintenance of Pumps, Diesel engines and boilers.
- Experience in HVAC Maintenance & repair.
- Duct Designing & Load calculation.
- Site Engineer (Electro-Mechanical Engineer).